



ALAMEDA COUNTY CONGESTION MANAGEMENT AGENCY

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Memorandum

*October 12, 2009
Agenda Item 5.1*

Date: October 1, 2009

To: I-580 Express Lane Policy Advisory Committee

From: Ray Akkawi, Manager of Project Delivery

Subject: I-580 Tri-Valley Rapid Corridor Improvements: Status Report for the I-580 Eastbound HOV Lane Project.

Attached for the Committee's review is the monthly status report for the I-580 Tri-Valley Rapid Corridor Improvements: Eastbound HOV lane- Segments 1 and 2, and the HOT lane Projects. The CMA is the sponsor of the HOV. However, the construction phase of the HOV lane is administered by Caltrans. The construction status report covers all activities through September 30, 2009.

I-580 HOV LANE PROJECT

Construction Status Report

Through September 30, 2009

PROJECT DESCRIPTION

The EB I-580 HOV Lane project will construct an HOV lane in the median from Hacienda Blvd in the City of Dublin to Greenville Road in the City of Livermore. The project will construct auxiliary lanes between Fallon and Airway, the new Isabel interchange and North Livermore, North Livermore and First Street, and First Street and Vasco. To receive competitive bidding and complete the project sooner, the CMA split the project into two smaller construction segments. Segment 1 limits are from Greenville Road to Portola Ave. Segment 2 limits are from Portola Ave to Hacienda Blvd. To comply with the CMIA scope, a third contract was added to construct the auxiliary lanes. Funding for the third contract came from bid savings from contract one and revising the estimates for contract 2.

PROJECT FUNDING

The I-580 EB HOV is fully funded through Federal, State, and local funds available for the I-580 Corridor.

CONSTRUCTION STATUS

Segment 1

Ribbon cutting for Segment 1 was held on October 2, 2009. The Eastbound HOV Lane from Portola Avenue to the Greenville Road interchange in the City of Livermore was opened to traffic immediately after the ribbon cutting ceremony.

Contract Status: Segment 1 was awarded by Caltrans on July 28, 2008 in the amount of \$42,510,771. The contract work started on August 18, 2008 and the HOV lane was opened to traffic on October 2, 2009.

Construction Status: The contractor completed the median widening of and placed the median barrier. Traffic was shifted on the new pavement to allow the contractor the construction of the outside widening. Rehabilitation of the existing pavement began in mid may and was completed on September 18, 2009. While the HOV lane was opened to traffic on October 2, 2009, contractor has to complete minor items before accepting the contract in December 2009.

Segment 2 of the I-580 Eastbound HOV Lane project will construct an eastbound HOV lane from Portola Avenue in the City of Livermore to the Hacienda Blvd interchange in the City of Dublin. The project will widen the inside and outside shoulders to accommodate the conversion of the HOV lane to High Occupancy Toll (HOT) lane. It will construct auxiliary lanes from

Airway to Fallon and from Fallon to Santa Rita, and will also rehabilitate the existing pavement to provide a better roadway surface.

Contract Status: Contract #2 was awarded by Caltrans on July 29, 2009 in the amount of \$30,454,448. The contract work started on August 21, 2009 and the estimated contractual completion date is August 25, 2011. Ground breaking was held on October 2, 2009. Contractor place temp railing in the median, removed median bushes, and is excavating the median to place the sub base.

FINANCIAL STATUS

Budget and Expenditure Summary/ Construction Phase

The table below is the breakdown of the funding allocation.

	Contract 1	Contract 2
Bid Amount	\$42,510,771	\$30,454,448
ALLOCATION:		
Supplemental Funds	\$1,637,500	\$1,860,450
State Furnished Mat.	\$1,054,000	\$1,271,600
Contingency Fund (5%)	\$2,207,759	\$1,616,502
Total Allotment	\$47,410,030	\$35,203,000
EXPENDITURES:		
Items Paid to Date	\$35,322,995	\$900,000.0
Approved CCOs	\$151,063	\$0.0
Supplemental work	\$1,445,500	\$0.0
State Furnished Material	\$317,086	\$0.0
Total Estimated Expenditures	\$37,246,644	\$900,000.0
Estimated Fund Balance	\$10,163,386	\$34,703,000
(Allocation – Expenditures)		

There have been 48 contract change orders (CCO's) issued to contract 1 to date. Detailed information on the CCO's is shown in the CCO Log (attachment 1). Deletion of temporary fencing and Retaining Wall number 7 resulted in the negative balance shown above.

SCHEDULE STATUS

	Contract 1	Contract 2
<i>Bid Opening:</i>	June 24, 2008	June 3, 2009
<i>Contract Approval:</i>	July 28, 2008	July 29, 2009
<i>Total Working Days per Bid</i>	180	490
<i>First Charged Working Day</i>	October 22, 2008	August 21, 2009
<i>Contractual Completion Date:</i>	December 12, 2009	August 25, 2011
<i>Time Extension due to Weather Days:</i>	87 Working Days	
<i>Time Extension due to Change orders:</i>	0 Working Days	28 Working Days
<i>% Completion (Time):</i>	85%	6%
<i>%e Completion (Work):</i>	86%	5%

There have been no delays or any adverse impact to the schedule. The project completion of the first contract is on schedule.

OUTSTANDING ISSUES/DISPUTES/CLAIMS

There are two outstanding Notices of Potential Claims (NOPC) requesting additional compensation for deleting retaining wall #7 and for removing the final pavement lift from the contract. Caltrans construction staff is working with the contractor to resolve these two NOPC.

I-580 EB EXPRESS LANE STATUS REPORT

The I-580 East Bound Express Lane project will convert the HOV lane under construction to an Express Lane. The limits of the EB express lane are from Hacienda Blvd in the City of Dublin to Greenville Road in the City of Livermore.

The traffic study and revenue report for the conversion of the HOV lane to express lane are underway. Initial model results shows that in order to maintain a Level of Service C in the express lane in 2015, a need to either adds another lane or changes the carpool policy to 3+. The CMA is investigating the possibility of adding another lane within the existing pavement and right-of-way. The second lane will require the conversion of the inside shoulder to an express lane. The dual express lanes configuration will be similar to the dual HOV lanes in Southern California.

SCHEDULE

The CMA is proceeding with two environmental documents to clear the one and dual express lanes; a revalidation of the existing HOV environmental document, and an IS/EA type of document to clear the dual express lanes.

Phase	Schedule
One lane;	
Environmental Clearance	10/1/2009 Revalidation approved
Design	6/30/2010
Construction	Dependable on the implementation method
Dual Lanes;	
IS/EA	
Draft Environmental Document	Dec 2009
Final Environmental Document	April 2010
PSR/PR	April 2010
PSE	6/30/2010
Construction	Similar to one lane

System Integrator (dual lanes);

The RFP to solicit proposals to develop the dynamic pricing algorithm, electronic toll system, interface with Toll Data Center, BATA customer service, Caltrans MTC, and CHP, and design and construct the electrical network needed for the ETS is scheduled to be released this month. ARRA funds will be used to pay for this phase of the project.

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